

National Library of Medicine - Medical Subject Headings

2005 MeSH

MeSH Descriptor Data

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MeSH Heading	Fullerenes
Tree Number	D01.268.150.250
Scope Note	A polyhedral CARBON structure composed of around 60-80 carbon atoms in pentagon and hexagon configuration. They are named after Buckminster Fuller because of structural resemblance to geodesic domes. Fullerenes can be made in high temperature such as arc discharge in an inert atmosphere.
Entry Term	Buckyballs
Entry Term	Buckminsterfullerenes
Allowable Qualifiers	AD AE AG AI AN BL CF CH CL CT DF DU EC HI IM IP ME PD PH PK PO RE SD ST TO TU UR
Registry Number	0
Previous Indexing	Carbon (1991-2002)
History Note	2003
Unique ID	D037741

MeSH Tree Structures

Inorganic Chemicals [D01]

Elements [D01.268]

Carbon [D01.268.150]

Charcoal [D01.268.150.150]

Diamond [D01.268.150.200]

► Fullerenes [D01.268.150.250]

Nanotubes, Carbon [D01.268.150.250.500]